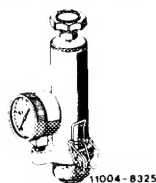


| Tightening torques | | Nm | (kpm) |
|----------------------------------|------------|---------------------|------------|
| Drain plug on radiator | type 115.1 | 6-10 | (0.6-1) |
| | type 123.1 | 1.5-2 ¹⁾ | (0.15-0.2) |
| Water pump to water pump housing | | 9 | (0.9) |

¹⁾ This torque can be set by means of a washer or coin.

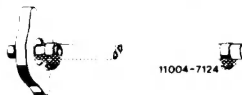
Special tools

Tester for cooling system



001 589 48 21 00

Radiator cap with hose for leak test

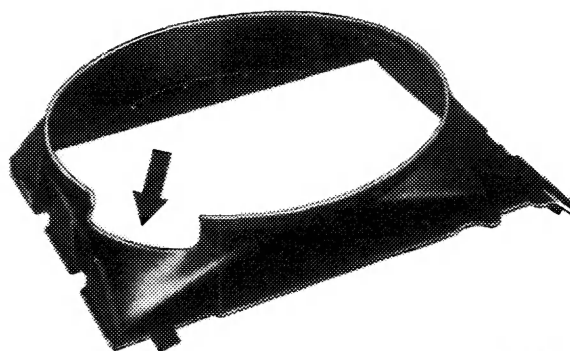


605 589 00 25 00

Note

Vehicles with Delco refrigerant compressor are provided with a recess in fan shell (arrow).

In addition, all fan shells are provided with lateral covers to protect engine compartment against contamination.



120-16200

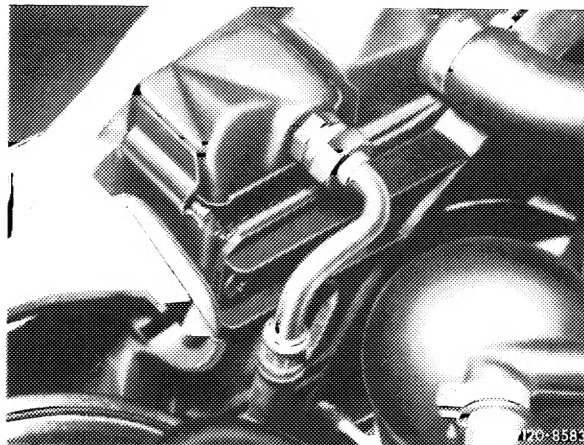
Removal

- 1 Drain coolant from radiator (20-010).
- 2 On vehicles with automatic transmission, disconnect hoses on transmission oil cooler.
- 3 On vehicles with air oil cooler, disconnect hoses.

Close disconnected oil hoses and connections with plastic caps.

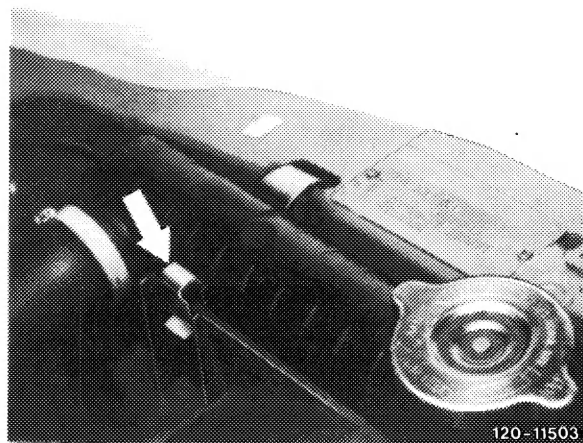
Model 115.1

- 4 Loosen coolant hoses and pull off.
- 5 Unscrew fan shell at top, pull out of holding clips below and place over fan.
- 6 Force rubber clips (arrow) out of holder.
- 7 Lift out radiator in upward direction.

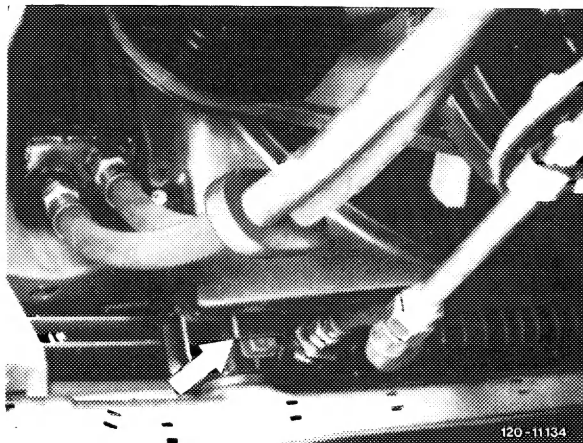


Model 123.1

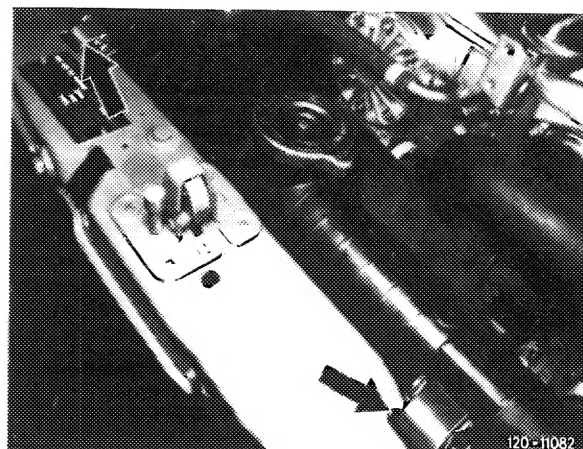
- 4 Pull the two clips (arrow) out of radiator shell in upward direction.



- 5 Lift radiator shell out of bottom clamp (arrow) and place on fan.



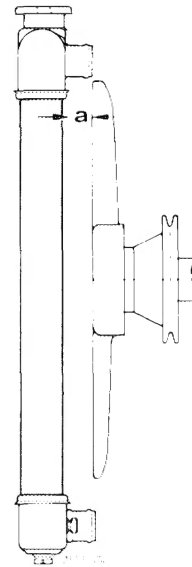
- 6 Pull spring clips (arrows) away in upward direction.
- 7 Lift out radiator.



Installation

8 Insert radiator together with air oil cooler.

Note: Distance from fan to radiator (dimension „a” = 73 mm).



9 Position fan shell and screw down.

When positioning fan shell, pay attention to distances „A” and „B”.

10 For further installation proceed vice versa to removal.

11 Pressure-test cooling system with tester.

A = 25 mm
B = 20 mm

